

### Update Instructions

**SP017/04/P**

Title: Improvement of AEC - Calibration with SW

Reason for update:

☒ Performance

Urgency:

☐ Immediate☐ Within 3 month

Update materials required?

☒ Yes☐ No

Material free of charge?

☒ Yes☐ No

Return of parts?

☐ Yes☒ No

Estimated completion time: 1

Number of CSE's:1

Customer application training? ☐ Yes☒ No**Systems/Products affected/System identifying IVK**

| Name                          | Material No. | Serial No.  |
|-------------------------------|--------------|-------------|
| MAMMOMAT Balance<br>Version 1 | 8383114      | 1002 - 1003 |
| MAMMOMAT Balance<br>Version 2 | 8383122      | 1003 -1008  |

Remark:

**Components affected/to be modified**

| Name | Material No. | Serial No. | Component status<br>affected |
|------|--------------|------------|------------------------------|
| n.a. | n.a.         | n.a.       | n.a.                         |
| n.a. | n.a.         | n.a.       | n.a.                         |

Chg. Rev. No.:

SP\_00109603

Name:

Dieter Fuerstenberg

Dept.:

CS SD 24

© Siemens AG 2004

The reproduction, transmission or use of this document or its contents is not permitted without express written authority. Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved.

| Chapter | Page | Revision |
|---------|------|----------|
| all     | all  | 01       |

## Document Revision Level

This document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

## Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel who are employed by Siemens or one of its affiliates or who are otherwise authorized by Siemens or one of its affiliates to provide such service.

Assemblers and other persons who are not employed by or otherwise directly affiliated with or authorized by Siemens or one of its affiliates are directed to contact one of the local offices of Siemens or one of its affiliates before attempting installation or service procedures.

|                                      | Page         |
|--------------------------------------|--------------|
| <b>1 General Information</b>         | <b>1 - 1</b> |
| Systems/Products Affected . . . . .  | 1 - 1        |
| Reason for the Update . . . . .      | 1 - 1        |
| Prerequisites . . . . .              | 1 - 1        |
| Special Tools / Documents . . . . .  | 1 - 1        |
| Ordering Information . . . . .       | 1 - 2        |
| Contents of the Update Kit . . . . . | 1 - 2        |
| Return of Parts . . . . .            | 1 - 2        |
| <b>2 Work Steps</b>                  | <b>2 - 1</b> |
| Work Steps . . . . .                 | 2 - 1        |
| Final Check . . . . .                | 2 - 1        |
| Customer Information . . . . .       | 2 - 2        |
| Final Work Steps . . . . .           | 2 - 2        |
| <b>3 Changes to previous Version</b> | <b>3 - 1</b> |
| <b>4 Update Completion Form</b>      | <b>4 - 1</b> |
| Completion Protocol . . . . .        | 4 - 1        |



## **Systems/Products Affected**

MAMMOMAT Balance with the serial numbers enumerated on the front page of this instruction will be updated.

## **Reason for the Update**

This update is to improve the adjustment of the 1 point calibration curves.

## **Prerequisites**

N.a.

## **Special Tools / Documents**

Latest "Start-up" instruction "SPB7-115.815.01..." for MAMMOMAT Balance.

## Ordering Information

The following update kit has to be ordered from CSML (SAP Distribution Channel, factory 2050) or BU Logistics (factory BU) (only with an order via BU Logistics):

### Update Kit 8383452

List the MAMMOMAT Balance Material Number (for Version 1: 8383114; for Version 2: 8383122) and the system Serial Number on the order!

## Contents of the Update Kit

Update kit **8383452** contains the following parts:

| Pos. | Quan. | Material No.          | Name                        |
|------|-------|-----------------------|-----------------------------|
| 1    | 1     | n.a.                  | Logic Chip \$1C07           |
| 2    | 1     | n.a.                  | SW Chip (BAL..B1.IAE\$FF3C) |
| 3    | 1     | n.a.                  | SSW CD ROM                  |
| 4    | 1     | SPB7-115.896.01.01.02 | Update Instructions         |

Tab. 1

## Return of Parts

N.a.

## Work Steps

- Switch off the system and fuses of main power, to be shure that is no power at the unit.
- Open the back cover of the MAMMOMAT Balance.

### CAUTION

The boards contain electrostatic highly sensitive components.  
If disregarded, the components could be damaged.  
Use ESD equipment, ground prior to making contact and place the components on a conductive surface.

### CAUTION

Check the correct direction of the chip (pins) according to chip marking.

- Exchange the new logic Chip \$1C07 on board 03-186, see figur 1, old chip \$1C1F not used anymore.
- Exchange the new logic Chip with BAL..B1.IAE\$FF3C on board 01-170-X, see figur 2, old chip BAL...A1.IAE\$E1A8 not used anymore.

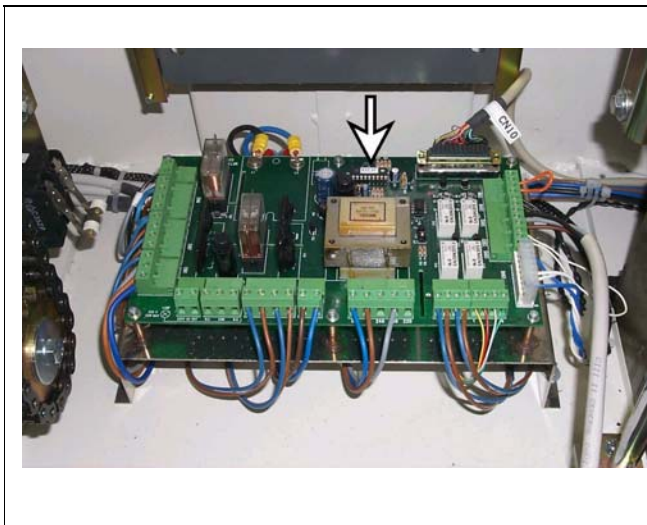


Fig. 1



Fig. 2

## Final Check

- Make some exposure in 0 point technic to check density.
- If the 1 point technic is used on that MAMMOMAT Balance, check and adjust 1 point technic as discribed in "Start-up" instruction "SPB7-115.815.01....."
- Close the cover.

**Customer Information**

N.a.

**Final Work Steps**

- Fill out, and if needed, make a copy of the attached "Completion Protocol/ Update Completion Form" and file it in the corresponding System Binder/User Handbook.
- Updates that have already been completed prior to publication of this UI must also be reported.



No changes; initial publication.

This page intentionally left blank.

## Completion Protocol

The update with the number **SP017/04/P** has been completed.

Material number: .....

Serial number: .....

Customer: ..... Functional Location: .....

Customer No.: .....

Name ( CSE ): ..... Telephone: .....

Country: ..... Location: .....

Date: ..... Signature: .....

Remark: .....

.....

|             |
|-------------|
| <b>NOTE</b> |
|-------------|

---

**After completing the update, make a copy of this page, fill it out and file it in the corresponding System Binder/User Handbook.**

---

This page intentionally left blank.